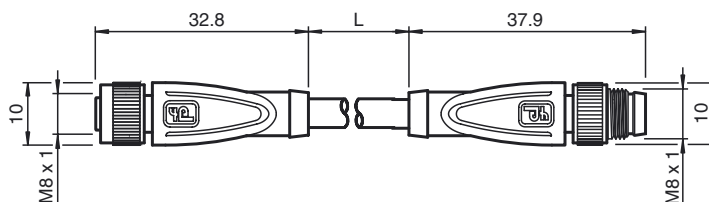




**Dimensions**



**Model Number**

**V31-GM-7M-PUR-V31-GM**

Connecting cable, M8 to M8, PUR cable 4-pin

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis

**Technical data**

**General specifications**

Number of pins 4

**Electrical specifications**

Operating voltage  $U_B$  max. 30 V AC/DC  
 Test voltage  $> 1500 V_{eff AC}$   
 Operating current  $I_B$  max. 3 A  
 Volume resistance  $< 5 m\Omega$

**Ambient conditions**

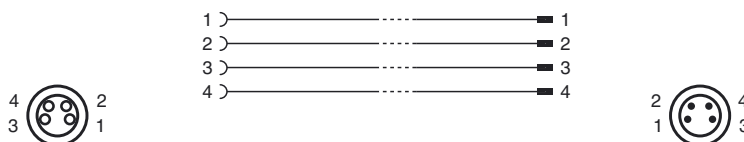
Ambient temperature -40 ... 90 °C (-40 ... 194 °F)  
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)  
 cable, flexing: -20 ... 80 °C (-4 ... 176 °F)

Pollution Degree 3

**Mechanical specifications**

Contact elements spring-loaded contact socket  
 Pin diameter 1 mm  
 Degree of protection IP67  
 Material  
 Contacts CuSn / Au  
 Contact surface Au  
 Body TPU, black  
 Cable PUR  
 Slotted nut Diecast zinc  
 Sleeve connector Diecast zinc  
 Core insulation PP  
 Cable fine-strand, flexible  
 Sheath diameter  $\varnothing 4.3 mm$   
 Bending radius  $> 15 x$  cable diameter, induced  
 $> 8 x$  cable diameter, fixed  
 Color grey  
 Cores  $4 x 0.25 mm^2$   
 Conductor construction  $14 x 0.15 mm \varnothing$   
 Length L 7 m  
 Flammability  
 Contact material 94 HB  
 Housing 94 V-2

**Electrical connection**



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